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PTO/SB/21 (6-99)

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/639,639 09 839,693	
	Filing Date	04/19/2001	
	First Named Inventor	Way	
	Group/Art Unit	2633 Technology Center 2600	
	Examiner Name	Not assigned	
Total Number of Pages in This Submission	24	Attorney Docket Number	39239-0711

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input checked="" type="checkbox"/> Version with Markings Showing Changes <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Additional Enclosure(s) (please identify below): stamped return card
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Attorney Docket No. 39239-0711

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor: Way <sup>39693</sup> Group Art Unit: 2633  
Serial No. ~~09/839,639~~ Examiner: Not assigned  
Filed: 04/19/2001  
Title: Method and Apparatus for Interleaved  
Optical Single Sideband Modulation

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**PRELIMINARY AMENDMENT**

Before action on the merits, please consider the following  
amendments and remarks:

In the Claims:

Please amend claims 10, 15-17, 21-35, 41, 50, 52-53 and 55  
to read as follows:

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1 10. (Amended) The filter of claim 9, further comprising:  
2 a modulator coupled to the optical bandpass filter to receive  
3 the optical carrier, a modulating signal is applied to the electrodes  
4 of the modulator modulating the carrier to form a modulated  
5 optical carrier.

1 15. (Amended) An interleaved optical single sideband  
2 communications system comprising:  
3 an optical modulator, constructed and arranged to accept an  
4 incoming optical carrier and including:

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